

What is Claimed is:

1. A componentware creating method of creating a componentware in which a first componentware and a second componentware to be a reference source of the first componentware are linked to each other during loading onto a system, comprising the steps of:

generating the first componentware by replacing a symbol name to be referred externally with a symbol ID for identifying the symbol name; and

generating the second componentware by replacing a symbol name to be referred externally in the second componentware to be the reference source for the first componentware with a symbol ID for identifying the symbol name,

wherein the first and second componentwares are linked to each other based on the symbol ID.

2. The componentware creating method according to claim 1, wherein a component ID for identifying the first componentware is added to the first componentware and the second componentware refers to the first componentware based on the component ID and the symbol ID, thereby carrying out the linkage.

3. The componentware creating method according to claim 1, further comprising the step of creating a list indicative of a correspondence relationship of the symbol name and the symbol ID when generating the first componentware at the step of generating the

componentware to be a referent,

when generating the second componentware at the step of generating the componentware to be a reference source, the symbol name being replaced with the symbol ID by  
5 using the list created at the step of creating a list.

4. The componentware creating method according to claim 3, if the symbol name is deleted when generating the first componentware again, the symbol ID corresponding to the deleted symbol name records, on  
10 the list, that the symbol ID corresponding to the deleted symbol name is deleted, and if a new symbol is to be added, a new symbol ID is added to the new symbol based on the list.

5. A recording medium recording a componentware to be referred from an external componentware and to be linked during loading in a system,

the recording medium recording a componentware having a symbol information table in which a symbol name to be referred externally is replaced with a symbol ID  
20 for identifying the symbol name, the symbol ID is described in relation to reference place information about a symbol corresponding to the symbol ID, and a component ID for identifying a componentware itself is described.

25 6. A recording medium recording a componentware referring to and linking an external componentware loaded onto a system,

the recording medium recording a componentware having  
a symbol reference information table in which a  
component ID to be identification information added to  
a componentware to be a referent and a symbol ID to be  
5 symbol identification information to be referred in the  
componentware to be the referent is paired and  
described, and reference place information in which  
the symbol to be referred which is indicated as the  
symbol ID in the component ware to be the referent  
10 indicated as the component ID is caused to correspond  
to the pair of the component ID and the symbol ID.

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